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INFORMATION DISCLOSURE  
STATEMENT  
Examining Group 1645  
Patent Application  
Docket No. UF-325XC1  
Serial No. 10/602,475



Doran R. Pace, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1645  
Applicants : Harry J. Klee, Coralie Lashbrook, Lori Shrode  
Serial No. : 10/602,475  
Filed : June 23, 2003  
For : Materials and Methods for Tissue-Specific Targeting of Ethylene  
Insensitivity in Transgenic Plants  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed.

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

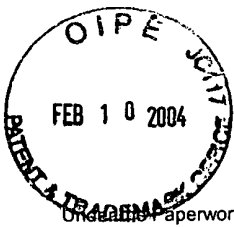
Respectfully submitted,



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DRP/dkt

Attachments: Form PTO/SB/08; copies of references cited therein.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/602,475
Filing Date	6/23/2003
First Named Inventor	Harry J. Klee
Art Unit	1645
Examiner Name	unknown
Attorney Docket Number	UF-325XC1

Sheet

1

of

2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-6,294,716	09/25/2001	Meyerowitz <i>et al.</i>	All
	U2	US-5,824,868	10/20/1998	Meyerowitz <i>et al.</i>	All
	U3	US-5,689,055	11/18/1997	Meyerowitz <i>et al.</i>	All
	U4	US-5,399,680	03/21/1995	Zhu <i>et al.</i>	All
	U5	US-20010019995	10/06/2001	Sisler	All
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

**FOREIGN PATENT DOCUMENTS**

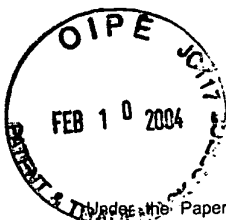
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>Substitute for form 1449B/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/602,475		
		Filing Date	6/23/2003		
		First Named Inventor	Harry J. Klee		
		Group Art Unit	1645		
		Examiner Name	unknown		
Sheet	2	of	2	Attorney Docket Number	UF-325XC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	ALONSO, J., <i>et al.</i> , "EIN2, a Bifunctional Transducer of Ethylene and Stress Responses in <i>Arabidopsis</i> ," <i>Science</i> (1999), pages 2148-2152, Volume 284.	
	R2	CHANG, C., <i>et al.</i> , " <i>Arabidopsis</i> Ethylene-Response Gene <i>ETR1</i> : Similarity of Product to Two-Component Regulators," <i>Science</i> (1993), pages 539-544, Volume 262.	
	R3	CHAO, Q., <i>et al.</i> , "Activation of the Ethylene Gas Response Pathway in <i>Arabidopsis</i> by the Nuclear Protein ETHYLENE-INSENSITIVE3 and Related Proteins," <i>Cell</i> (1997), pages 1133-1144, Volume 89; Cell Press.	
	R4	HUA, J., <i>et al.</i> , "EIN4 and ERS2 Are Members of the Putative Ethylene Receptor Gene Family in <i>Arabidopsis</i> ," <i>The Plant Cell</i> (1998), pages 1321-1332, Volume 10; American Society of Plant Physiologists.	
	R5	HUA, J. <i>et al.</i> , "Ethylene Responses Are Negatively Regulated by a Receptor Gene Family in <i>Arabidopsis thaliana</i> ," <i>Cell</i> (1998), pages 261-271, Volume 94.	
	R6	HUA, J., <i>et al.</i> , "Ethylene Insensitivity Conferred by <i>Arabidopsis</i> <i>ERS</i> Gene," <i>Science</i> (1995), pages 1712-1714, Volume 269.	
	R7	KOHLER, S., <i>et al.</i> , "The gene promoter for a bean abscission cellulose is ethylene-induced in transgenic tomato and shows high sequence conservation with a soybean abscission cellulose," <i>Plant Molecular Biology</i> (1996), pages 595-606, Volume 31; Kluwer Academic Publishers, Belgium.	
	R8	MCCORMICK, S., <i>et al.</i> , "Leaf disc transformation of cultivated tomato ( <i>L. esculentum</i> ) using <i>Agrobacterium tumefaciens</i> ," <i>Plant Cell Reports</i> (1986), pages 81-4, Volume 5; Springer-Verlag.	
	R9	SAKAI, H., <i>et al.</i> , " <i>ETR2</i> is an <i>ETR1</i> -like gene involved in ethylene signaling in <i>Arabidopsis</i> ," <i>Proc. Natl. Acad. Sci. USA</i> (1998), pages 5812-5817, Volume 95.	
	R10	TIEMAN, D., <i>et al.</i> , "Members of the tomato <i>LeEIL</i> (EIN3-like) gene family are functionally redundant and regulate ethylene responses throughout plant development," <i>The Plant Journal</i> (2001), pages 47-58, Volume 26, No. 1; Blackwell Science Ltd.	
	R11	YANG, T-T., <i>et al.</i> , "Optimized codon usage and chromophore mutations provide enhanced sensitivity with the green fluorescent protein," <i>Nuc. Acids. Res.</i> (1996), pages 4592-4594, Volume 24, No. 22.	
	R12		
	R13		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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